Bringing Students and Teachers into the Building Process

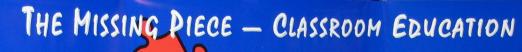
High Performance Sustainable Schools

March 7, 2007

Karen Reagor Kentucky NEED Project

Connecting Energy to the Classroom

- Connecting content to real life applications
- Using the school building as a learning laboratory
- School Energy Teams
- NEED Youth Awards for Energy Achievement



- Energy
 Curriculum
 for grades
 K-12
- Aligned to the Kentucky
 Program of Studies
- Teacher & Student Workshops
- Professional

 Development

 for Educators



New Construction



Energy Efficiency



NEED Materials

are correlated to the Kentucky Core Content 4.1





Activities that Encourage and Support:

- cooperative learning
- math
- science
- social studies
- art
- language arts
- critical thinking skills





"Kids teaching Kids" philosophy





Kentucky NEED Teacher/Student Workshops

Provide training, curriculum materials and hands-on kits on the subject of ENERGY





Classroom Connections

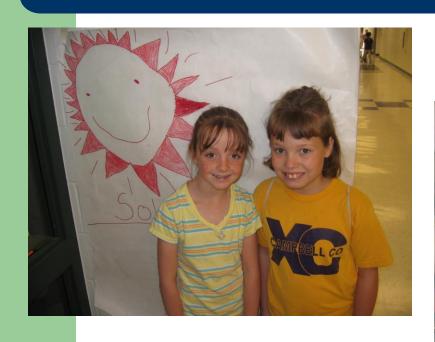
NEED's hands-on units explore energy consumption and conservation using the school as a real-world laboratory.

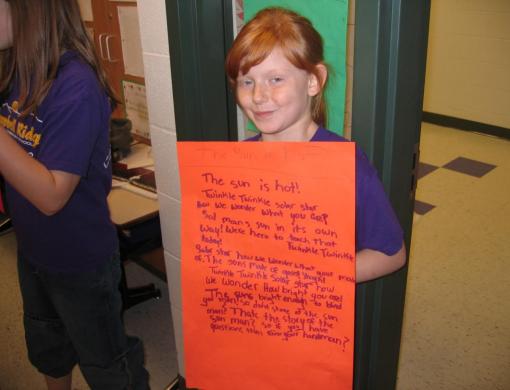


Leadership Development

- Solar Celebrations
- Change Light Campaign
- NEED Energy Teams

Campbell Ridge Elementary Campbell County









Laurel County Middle School Laurel County





Letcher County High School Letcher County Elementary







Russell Area Technology Center Russell, KY



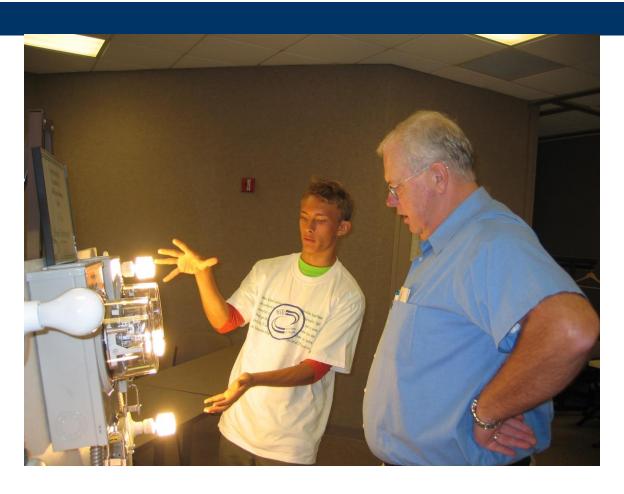
Picadome Elementary Fayette County







Conner High School Boone County





Beechgrove Elementary Kenton County





Twenhofel Middle School Kenton County



Change a Light Campaign

\$350.00 Mini-grants

Application Deadline March 15, 2007

Caywood Elementary NEED Team Kenton County







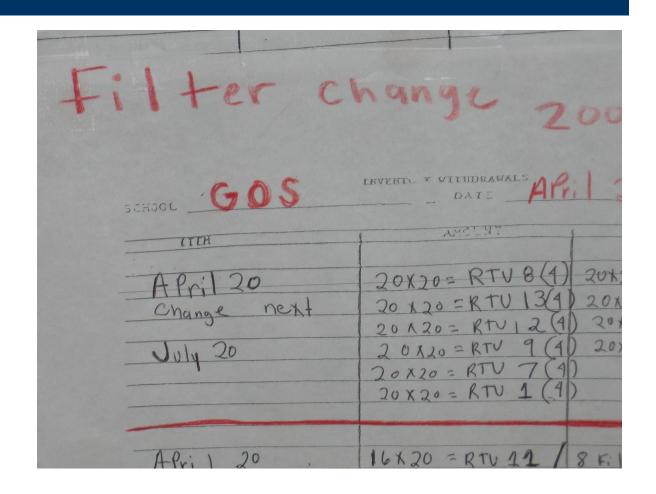
Twenhofel NEED Team Kenton County





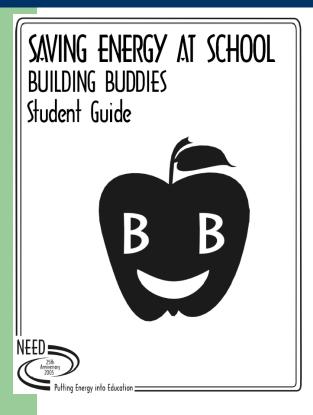


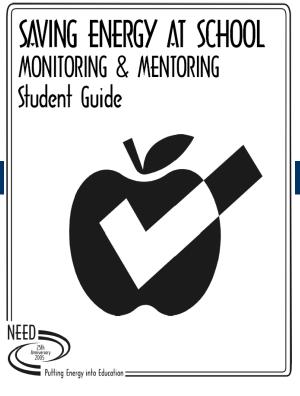
Glenn O. Swing Elementary Covington Independent



School Energy Teams...

- Bullitt County Schools (KEEPS)
- Danville Independent Schools (TRANE)
- Franklin County Schools (KEEPS)
- Kenton County Schools (DUKE)











Museum of Solid Waste & Energy

A cooperative learning activity where students work together in small groups to:

- study solid waste and energy topics
- create 'museum' stations
- enhance reading, writing, public speaking and artistic skills

Kentucky NEED Youth Awards May 8, 2007 Frankfort









Kentucky Green and Healthy Schools

NEED National Youth Awards June 22-25, 2007 Washington, D.C.



Energy Tour for Kentucky Educators June 11 – 15











NEED Summer Conferences

July 15 – 19 Alexandria, VA

July 22 – 26 Santa Fe, NM









Sponsor Participation







Contact Information



The Kentucky NEED Project

kreagor@need.org pproctor@need.org

www.need.org